COURSE DETAIL

DATA ANALYTICS AND MACHINE LEARNING 4
Country United Kingdom - Scotland
Host Institution University of Edinburgh
Program(s) University of Edinburgh
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Electrical Engineering
UCEAP Course Number 172
UCEAP Course Suffix
UCEAP Official Title DATA ANALYTICS AND MACHINE LEARNING 4
UCEAP Transcript Title DATA ANALYTICS 4
UCEAP Quarter Units 4.00
UCEAP Semester Units 2.70

Course Description

The course provides engineering students with the skills to process and examine different forms of data in Python, and an understanding of how machine learning methods can use this data to solve classification and regression problems. Students learn how to implement these methods in Python using Scikit-learn. Students gain an awareness of when it is appropriate to use a particular method (if any), best practices, and the ethical issues that can occur when sourcing data and deploying machine learning in the real world.

Language(s) of Instruction
English

Host Institution Course Number
ELEE10031

Host Institution Course Title
DATA ANALYTICS AND MACHINE LEARNING 4

Host Institution Course Details
http://www.drps.ed.ac.uk/23-24/dpt/cxelee10031.htm

Host Institution Campus

Host Institution Faculty
School of Engineering

Host Institution Degree

Host Institution Department

Course Last Reviewed
2023-2024

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